

Product datasheet for **PP1106P2**

SCGF (CLEC11A) (beta) Goat Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, FN, WB
Recommended Dilution:	Neutralization: To yield one-half maximal inhibition [ND50] of the biological activity of Human SCGF-beta (30.0 ng/ml), a concentration of 2.5-5.0 µg/ml of this antibody is required. Sandwich ELISA: To detect Human SCGF-beta by Sandwich ELISA (using 100 µl/well antibody solution) a concentration of 0.5-2.0 µg/ml of this antibody is required. This antigen affinity purified antibody, in conjunction with Biotinylated anti-Human SCGF-beta (PP1106B1 or PP1106B2) as a detection antibody, allows the detection of at least 0.2-0.4 ng/well of recombinant Human SCGF-beta. Western Blot: To detect Human SCGF-beta by Western Blot analysis this antibody can be used at a concentration of 0.1-0.2 µg/ml. Used in conjunction with compatible secondary reagents the detection limit for recombinant Human SCGF-beta is 1.5-3.0 ng/lane, under either reducing or non-reducing conditions.
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Immunogen:	Highly pure (>98%) recombinant hSCGF-beta (human Stem Cell Growth Factor beta).
Specificity:	Stem Cell Growth Factor beta (SCGF-beta)
Formulation:	PBS, pH 7.2 without preservatives. State: Aff - Purified State: Lyophilized purified Ig fraction.
Reconstitution Method:	Restore in sterile water to a concentration of 0.1-1.0 mg/ml
Purification:	Affinity chromatography.
Conjugation:	Unconjugated
Storage:	Store the antibody prior to reconstitution at -20°C. Following reconstitution the antibody can be stored at 2-8°C for one month or at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: One year from despatch,
Gene Name:	C-type lectin domain family 11 member A



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Database Link: [Entrez Gene 6320 Human Q9Y240](#)

Background: This cytokine stimulates the proliferation and differentiation of hematopoietic precursor cells from various lineages, including erythrocytes, lymphocytes, granulocytes and macrophages. It acts synergistically with other cytokines, including IL3, GCSF, GMCSF and FLT3 ligand and suppresses SCF-stimulated erythrocyte proliferation.

Synonyms: Stem cell growth factor, CLECSF3, LSLCL

Note: Centrifuge vial prior to opening!

Protein Families: Druggable Genome, Secreted Protein